GOVERNMENT OF INDIA
NEW AND RENEWABLE ENERGY
LOK SABHA

UNSTARRED QUESTION NO:1516
ANSWERED ON:24.11.2016
Enhancement in Green Energy Capacity
Dhotre Shri Sanjay Shamrao;Mahtab Shri Bhartruhari;Shewale Shri Rahul Ramesh

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether the Government has enhanced its green energy capacity across the country during each of the last three years and the current year;
(b) if so, the details thereof, State/UT-wise;
(c) the extent to which the Government has achieved its goal to add 1 lakh MW solar energy capacity in the country;
(d) the funds sanctioned, released and utilized for Research & Development efforts for new technologies and improvement in efficiency of solar panels across the country during the said period, State/UT-wise;
(e) the number of Public and Private Sector Companies which have given Green Energy Commitment Certificates so far for power generation capacity in the country; and
(f) the other steps taken/being taken by the Government to encourage investors/ companies to tap the potential of green energy in the country along with the achievements thereon?

Answer

THE MINISTER OF STATE FOR POWER, COAL, NEW AND RENEWABLE ENERGY & MINES (INDEPENDENT CHARGE) (SHRI PIYUSH GOYAL)

(a) & (b): The details of capacity addition under Grid Interactive Renewable power from various renewable energy sources in the country during the last three years and current year are as follows:
Year Capacity addition (in MW)
2013-14

2014-15 4102
2015-16 7060
2016-17 (upto 31-10-2016) 3568
State / UT wise details are given in Annexure-I.
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(c): A total capacity of 8728 MW of Solar projects have been installed in the country so far.
(d): Central financial assistance of Rs 541.55 crore has been released to various organizations/ universities / institutions for taking up Research and Development (R&D) activities in various new and renewable energy technologies including solar energy during last three and half years. The details of organizations funded for R&D activities in the field solar energy is given in Annexure-II.
(e): MNRE has organized 1st Global Renewable Energy Investors Promotion Meet (RE-INVEST 2015) during February 15-17, 2015 in New Delhi. As part of RE-INVEST 2015 initiative, 464 companies/firms (both private and public sectors) have submitted Green Energy Commitment (GEC) Certificates, aggregating to 292 GW power generation capacity during the next five years.
(f): To encourage the investment in renewable energy sector, Government provides incentives in the forms of generation based incentives/subsidies, viability gap funding from NCEF, fiscal incentives such as accelerated depreciation, concessional customs duty, excise duty exemptions, income tax holiday for 10 years and preferential tariff for renewable energy power projects. Besides, MNRE organized a Global Renewable Energy Investment Promotion Meet (REINVEST) in February, 2015 to showcase the potential and policy options available in the RE sector wherein commitment from power producers, manufacturers and financial institutions were received for investments in the solar.
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